What is claimed is:

1. A self-sustained moving support system comprising:

a database for storing of a sidewalk data and a map data; and

5   information processing means connected to a communication network for searching the database based on moving support information received through the communication network, computing a guide route of a sidewalk to a destination depending on each disability condition from the

10 sidewalk data and outputting an electronic map in which the guide route is combined with the map data.

2. The self-sustained moving support system according to claim 1, wherein the self-sustained moving support system

15 further comprises a communication terminal connected to the communication network to display the electronic map received from the information processing means.

3. A self-sustained moving support system comprising:

20   a database for storing of a sidewalk data and a map data;

information processing means connected to a communication network for searching the database based on moving support information received through the communication

25 network, computing a guide route of a sidewalk to a destination depending on each disability condition from the sidewalk data and outputting an electronic map in which the guide route is combined with the map data; and

moving means including a communication terminal
connected to the communication network to display the
electronic map received from the information processing means.

5   4.   The self-sustained moving support system according to
claim 3, wherein the moving means comprises an information
measuring unit for collecting attribute information of a
moving route.

10   5.   A method of supporting a self-sustained moving
comprising the steps of:
       inputting physical information and a destination from a
communication terminal;
       computing a guide route of a sidewalk according to the
15   physical information based on the physical information
inputted from the communication terminal and sidewalk data
stored in a database;
       combining the computed guide route with a map data
stored in the database to output it as an electronic map; and
20   displaying the electronic map showing the guide route
on the communication terminal.

       6.   The method of supporting a self-sustained moving
according to claim 5, wherein the guide route of the
25   electronic map displayed on the communication terminal is
displayed to designate the sidewalk to be passed.

       7.   The method of supporting a self-sustained moving

according to claim 5 or claim 6, wherein the step of computing the guide route includes preferentially computing the sidewalk that has been passed by a plurality of users having similar physical information.

8. A method of supporting a self-sustained moving comprising the steps of:

automatically collecting attribute information of the route along which moving means is moved by an information measuring unit;

sending the collected attribute information to information processing means; and

updating the sidewalk data stored in a database based on the received attribute information.

9. The method of supporting a self-sustained moving according to claim 8, wherein the step of updating the sidewalk data further comprises the steps of:

determining whether the attribute information is an investigated area or not;

assigning the collected attribute information to the sidewalk data of an existing area and updating the sidewalk data stored in the database if the information is the investigated area; and

creating a new sidewalk data by a block on the map data, positional information or so on the sidewalk map and storing it to the database if the information is uninvestigated area.

10.   A recording medium with record of a computer system-implemented program to perform the steps of:

computing a guide route of a sidewalk according to physical information and a destination inputted from a communication terminal based on a sidewalk data stored in a database; and

combining the computed guide route with a map data stored in the database and outputting it as an electronic map.